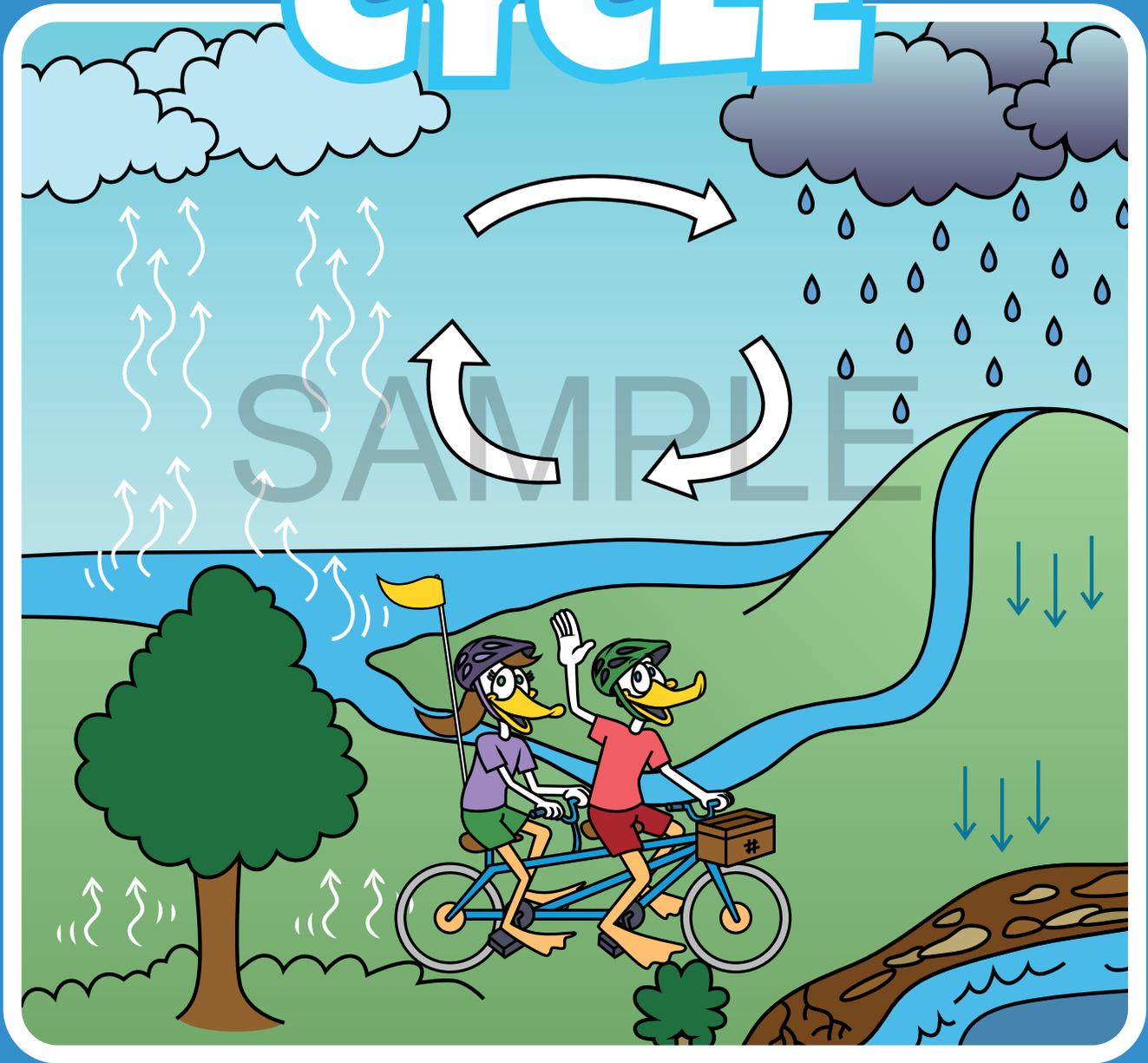


Wendell and Penelope Learn About

THE WATER CYCLE



Hi! We're Wendell and Penelope, and we're here to talk to you about the water cycle!



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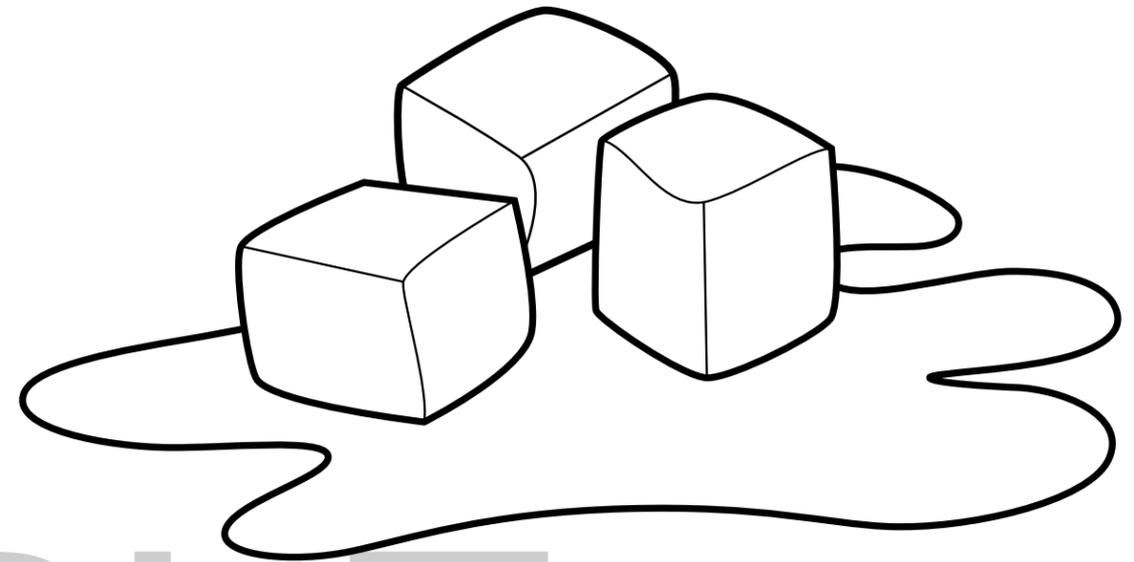
Water is amazing stuff. We all need water to live, and so do animals and plants. Water comes in three forms: liquid, solid, and gas.



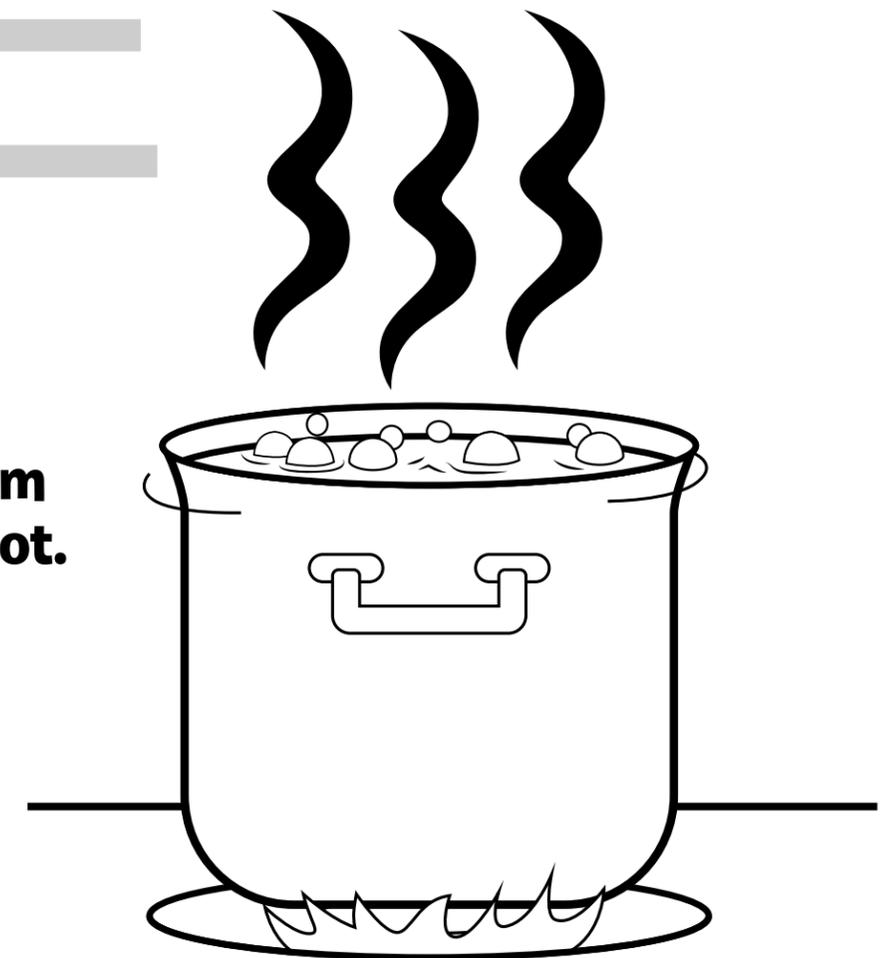
Usually when we talk about water we think of a liquid, like the kind we drink.



But water can also be a solid, when it freezes and turns to ice.



Or a gas, like steam rising from a hot pot. Don't touch!



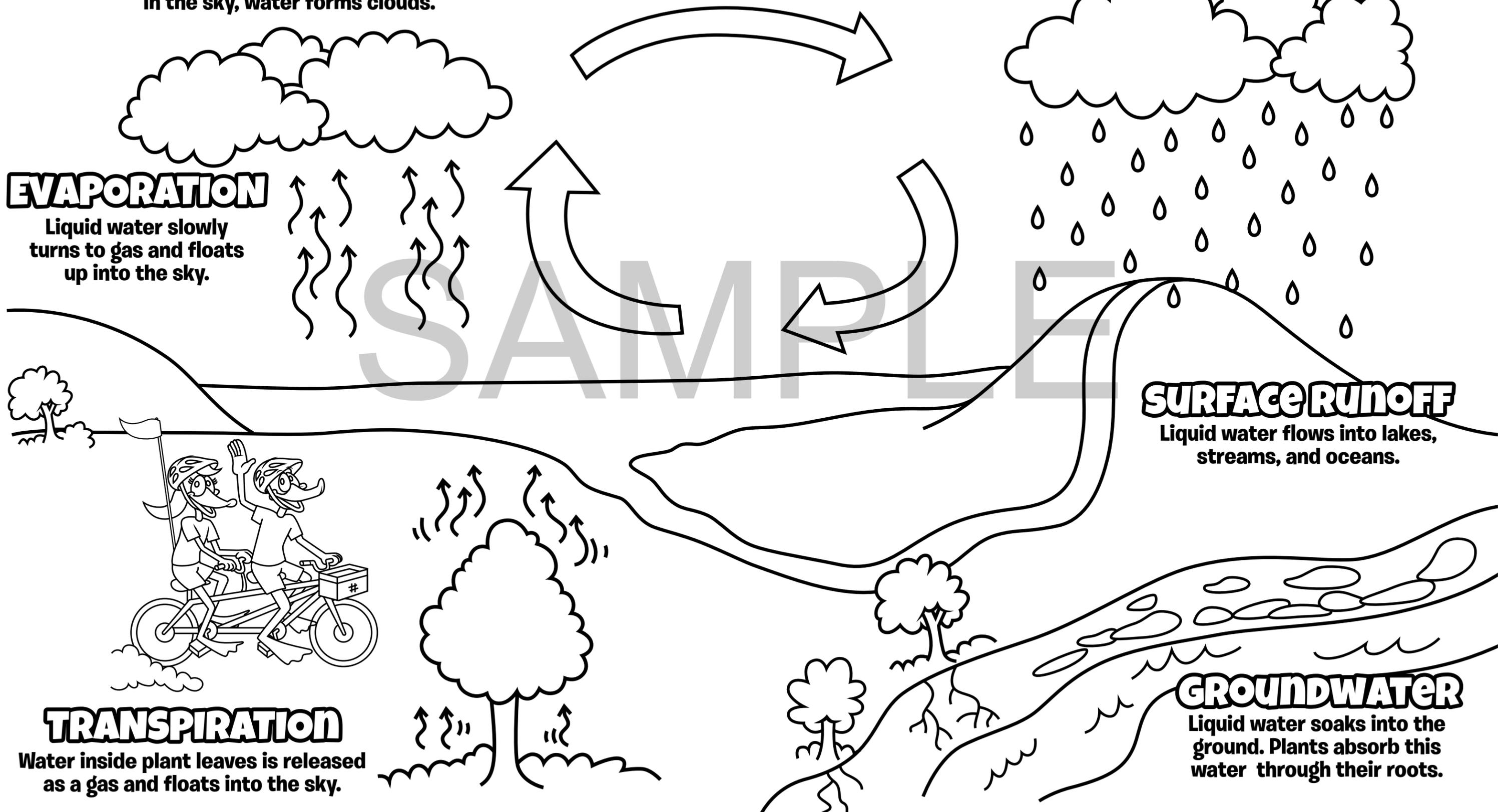
Water is always moving and changing form. This is called the water cycle. Here's how it works:

CONDENSATION

In the sky, water forms clouds.

EVAPORATION

Liquid water slowly turns to gas and floats up into the sky.



PRECIPITATION

Clouds release water as rain or snow.

SURFACE RUNOFF

Liquid water flows into lakes, streams, and oceans.

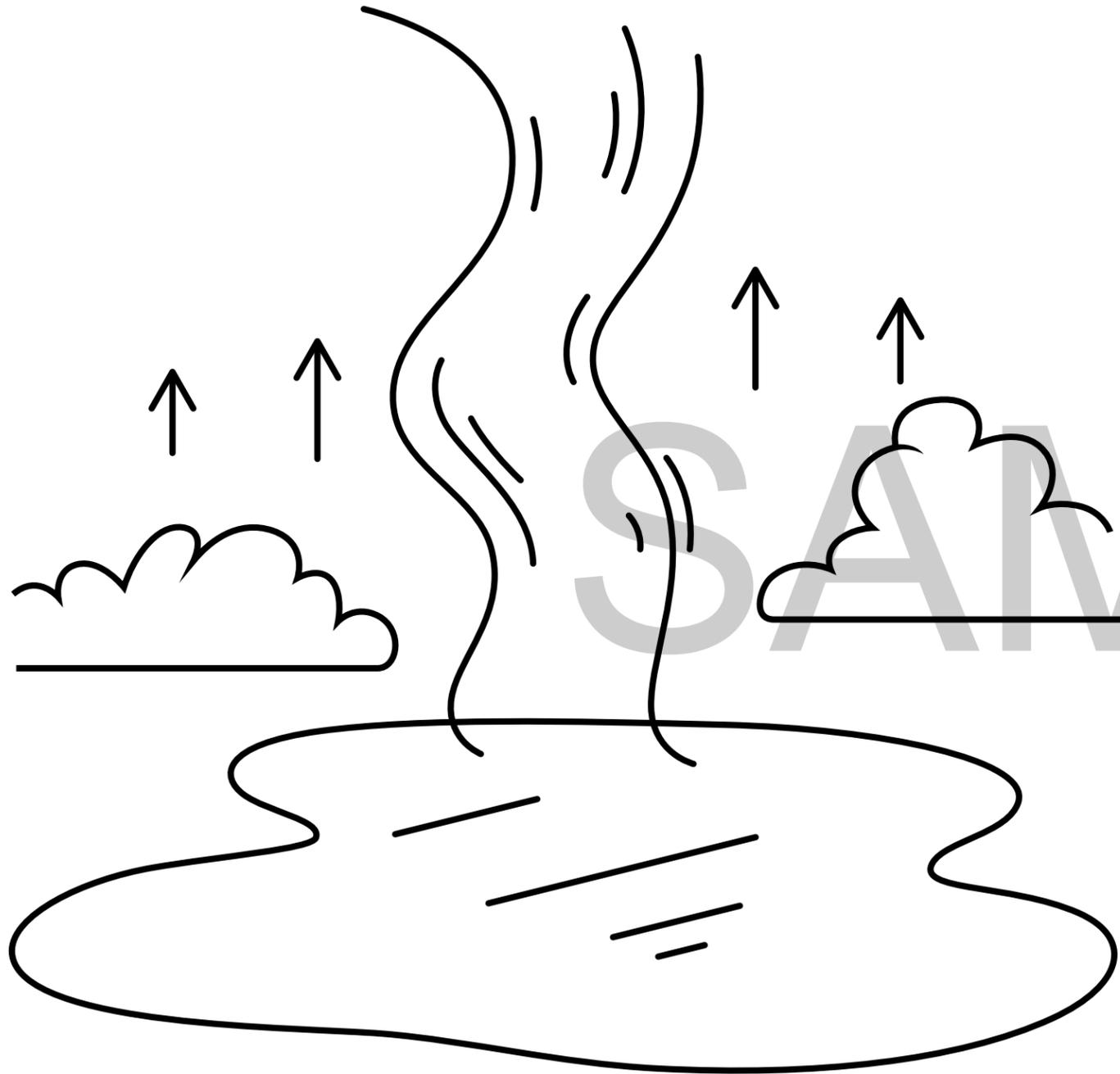
TRANSPIRATION

Water inside plant leaves is released as a gas and floats into the sky.

GROUNDWATER

Liquid water soaks into the ground. Plants absorb this water through their roots.

**You can see the water changing form all the time.
Have you ever noticed a puddle dry up and disappear?
What happened to the water?**



**It changed from a liquid to a gas and floated away!
That's evaporation.**

**When you take a hot shower, water vapor fills the air.
You can't see it, but it's there!**

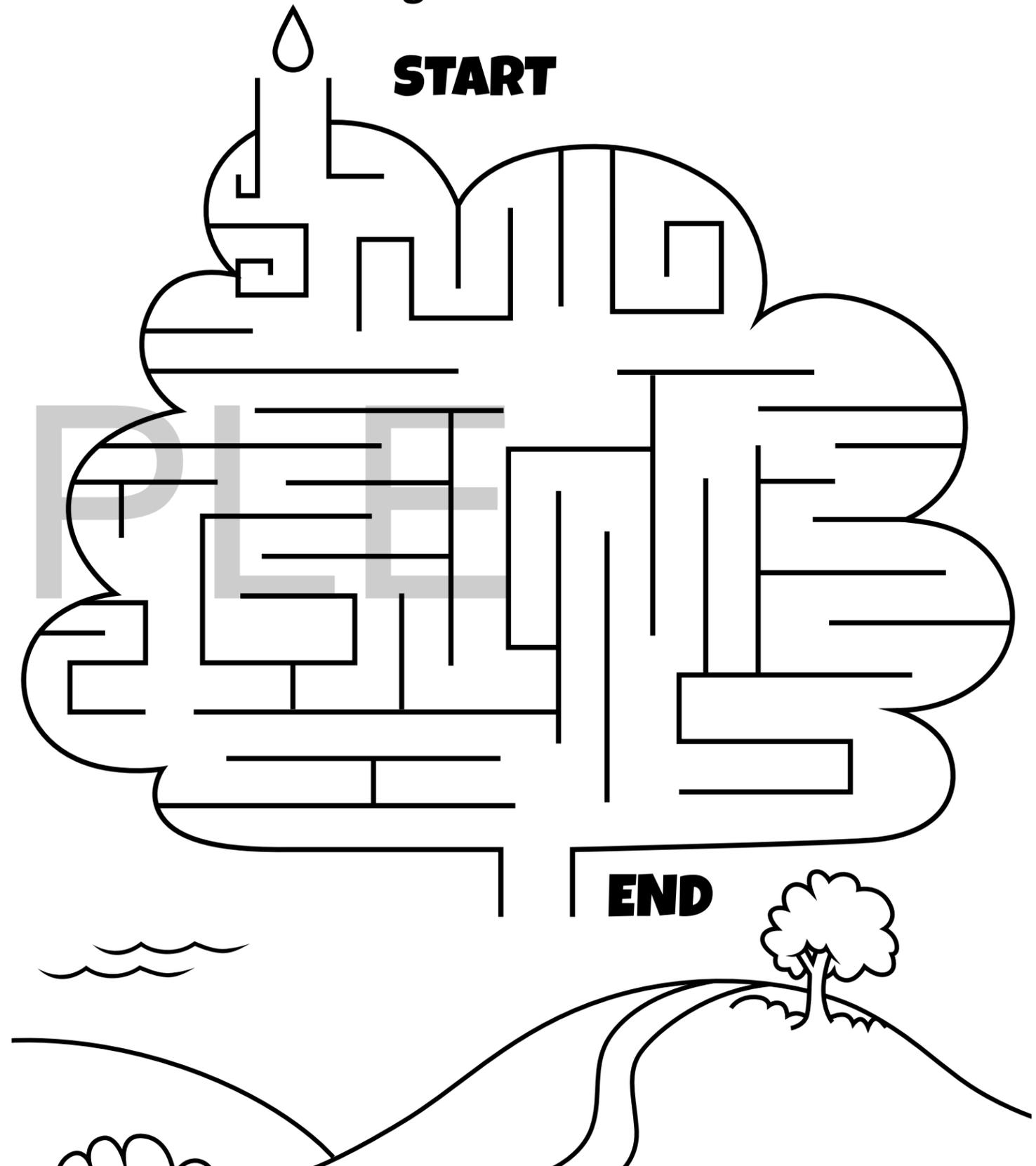


**When it hits the cooler mirror, it turns back into tiny
drops of water-this is called condensation. The fog
on the mirror isn't steam-it's actually little drops of
water forming again!**

Did you know that the water you use today is the same water the dinosaurs drank? The water cycle has been moving water from the earth to the sky for billions of years!

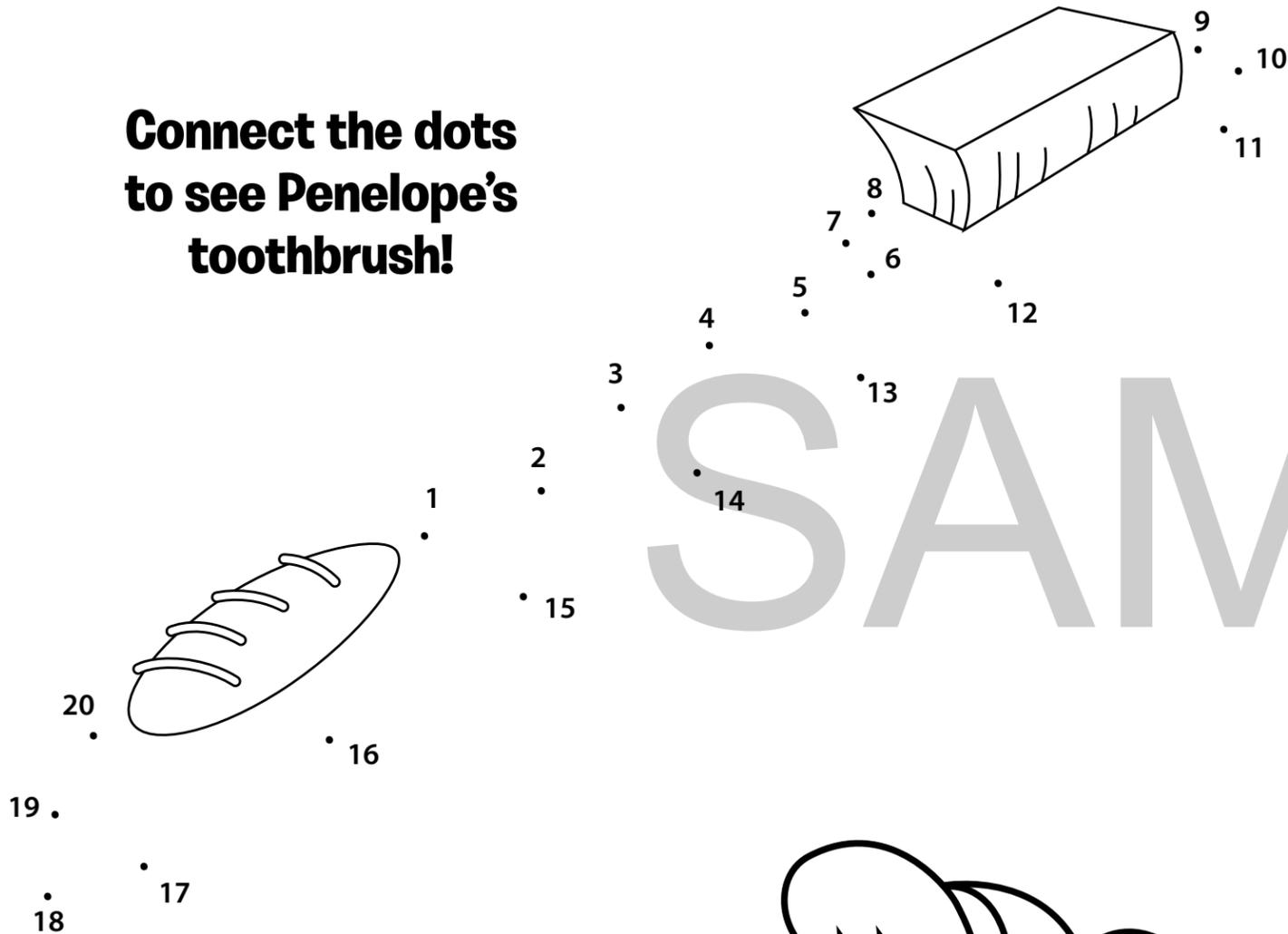


When it rains or snows, that's called precipitation. Can you help this raindrop get back to the ground through the cloud maze?



All the water in the world is connected through the water cycle. So it's important to protect it and keep it clean. The water you brush your teeth with was once in an ocean or a river!

Connect the dots to see Penelope's toothbrush!



Don't forget to turn off the faucet when you brush your teeth!



When it rains, the stormwater goes to local waterways. Any litter on the ground can make them dirty, which hurts people and animals.



So put litter in its place!

**Thanks for taking a ride on the
water cycle with us!**



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